PROJECT SYSTEMS
Project Budgeting

Revision History

SR. No.	VERSION No.	DATE OF REVISION	DESCRIPTION OF CHANGE	REASON FOR CHANGE	CHANGE MADE BY	REVIEWED BY	RELEASED BY
1	*V1.0*		*Version*				
2	*V1.1*		*Revision*				

	END USER MANUAL	
IBM	**Project NAVODAYA** **Area: Project Systems**	**ESSAR PROJECTS**
	Project Budgeting	

Project Budgeting

Purpose

Use this procedure to assign the budget to the project.
The budget is the approved and binding cost framework for a project within a
particular period of time.

Prerequisites

- WBS structure to be created.
- Cost planning done, Planned will become the reference for budgeting.

Menu Path

Use the menu path(s) to begin the transaction:

- Select Logistics → Project System → Project→ Financials → Budgeting →
  Original Budget → Change (CJ30)

Transaction Code
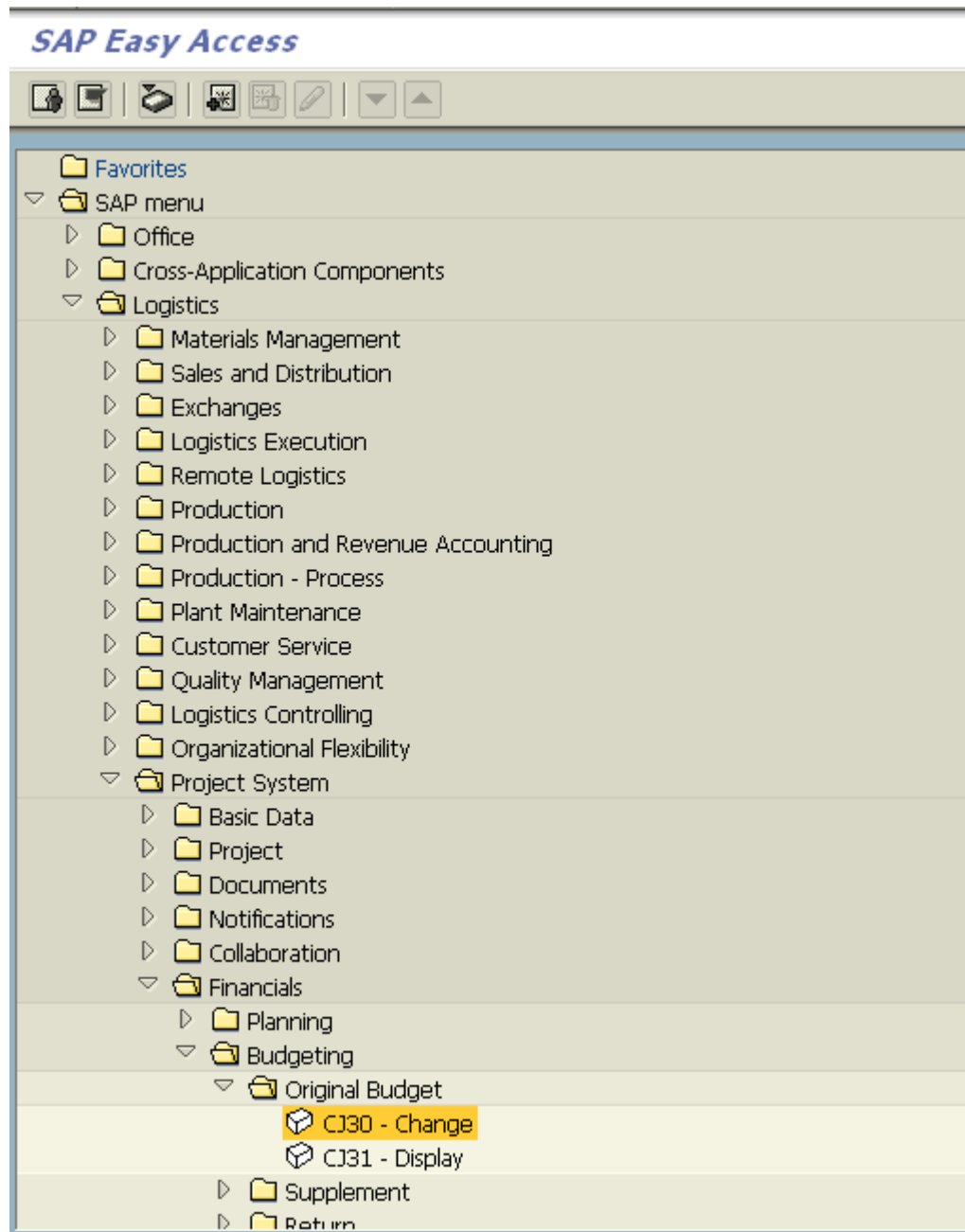
CJ30

Hints
- Press F1 for Help
- Press F4 for getting input values
- R – Required
- O- Optional
- C- Conditional

Procedure

The Project Budgeting transaction can be opened from

Option (i) Menu

SAP Easy Access

☐ Favorites
▽ ☐ SAP menu
   ▷ ☐ Office
   ▷ ☐ Cross-Application Components
   ▽ ☐ Logistics
      ▷ ☐ Materials Management
      ▷ ☐ Sales and Distribution
      ▷ ☐ Exchanges
      ▷ ☐ Logistics Execution
      ▷ ☐ Remote Logistics
      ▷ ☐ Production
      ▷ ☐ Production and Revenue Accounting
      ▷ ☐ Production - Process
      ▷ ☐ Plant Maintenance
      ▷ ☐ Customer Service
      ▷ ☐ Quality Management
      ▷ ☐ Logistics Controlling
      ▷ ☐ Organizational Flexibility
     ▽ ☐ Project System
        ▷ ☐ Basic Data
        ▷ ☐ Project
        ▷ ☐ Documents
        ▷ ☐ Notifications
        ▷ ☐ Collaboration
       ▽ ☐ Financials
          ▷ ☐ Planning
          ▽ ☐ Budgeting
            ▽ ☐ Original Budget
               ⬡ CJ30 - Change
               ⬡ CJ31 - Display
            ▷ ☐ Supplement
            ▷ ☐ Return

Option (ii)

Enter the CJ30 in the Transaction command. `CJ30` and press the OK

button ✅ which will take you to the next screen.

Open Budgeting Transaction

Field Name	R/O/C	Description
Project Definition	R	Enter the project Definition or select the project from drop down.
WBS Elements	O	Enter the WBS elements for which the Budgeting is to be done.
Currency	O	By default the budgeting will be done as per the controlling area currency as the budget Profile defined currency is Controlling Area Currency.

Press enter button or click Original Budget

Change Original Budget: Initial Screen

Original Budget

Project Def.   M-0021
WBS Element

Currency

Change Original Budget: WBS Element Overview Screen Appears

Transferring Values From Cost Planning as Budget

Note : Planned cost will act as a reference for Budgeting. Cost Planning done in
Version 1. Get the planned cost from Version 1.
Go to Menu Settings → Planned Total Version

Select Version 1

Version	
Version	1
Version Dscrptn	

Press enter.

System will display the Planned Cost under Planned Total Version 1 Column.

Change Original Budget: WBS Element Overview

Proj. Def.   M-0021   Matix Project - EPC
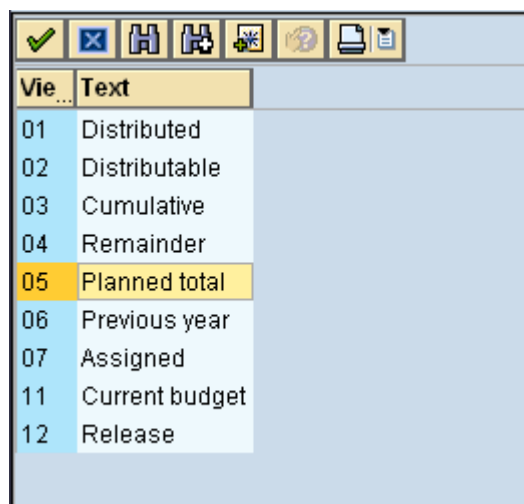Period   0 Overall
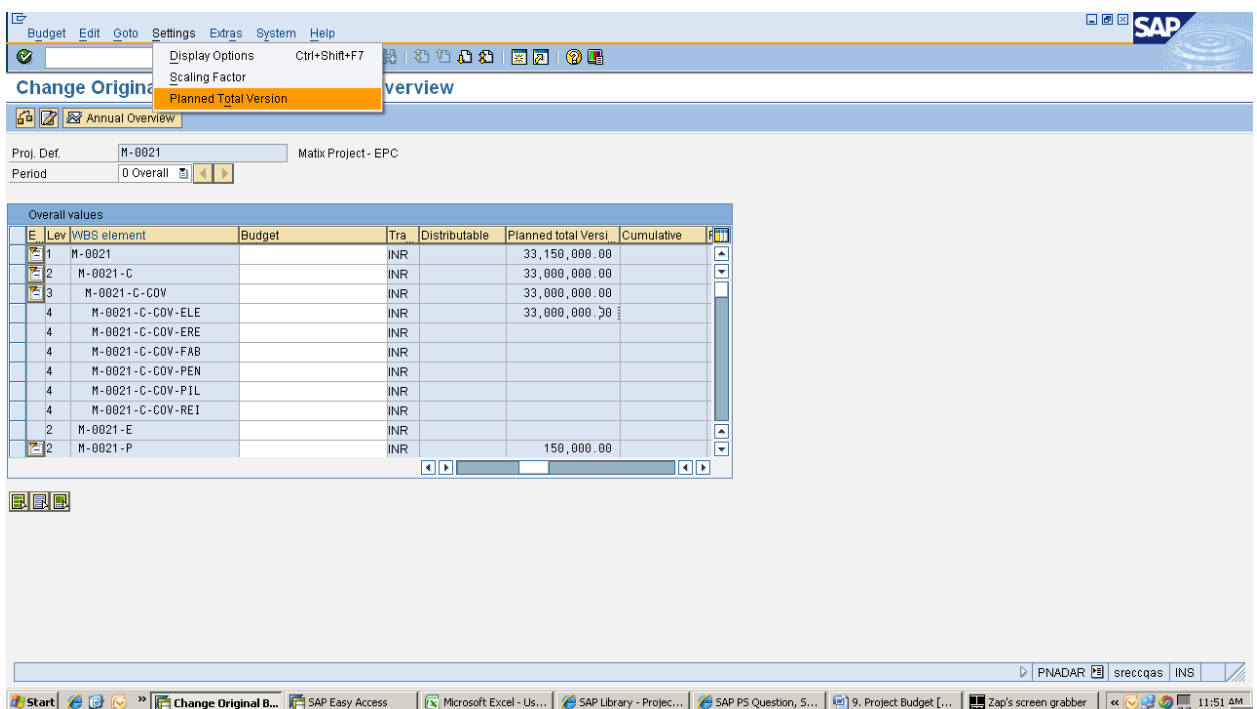
Overall values

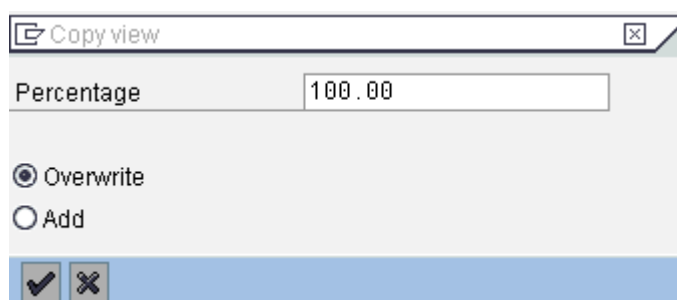| E..	Lev	WBS element	Budget	Tra..	Distributable	Planned total Version 1
	1	M-0021		INR		29,000,000.00
	2	M-0021-C		INR		29,000,000.00
	3	M-0021-C-COV		INR		29,000,000.00
	4	M-0021-C-COV-ELE		INR		1,000,000.00
	4	M-0021-C-COV-ERE		INR		1,000,000.00
	4	M-0021-C-COV-FAB		INR		27,000,000.00
	4	M-0021-C-COV-PEN		INR		
	4	M-0021-C-COV-PIL		INR		
	4	M-0021-C-COV-REI		INR		

Copy the Planned Cost as Budget.
Select the WBS, Go to Edit → Copy Views
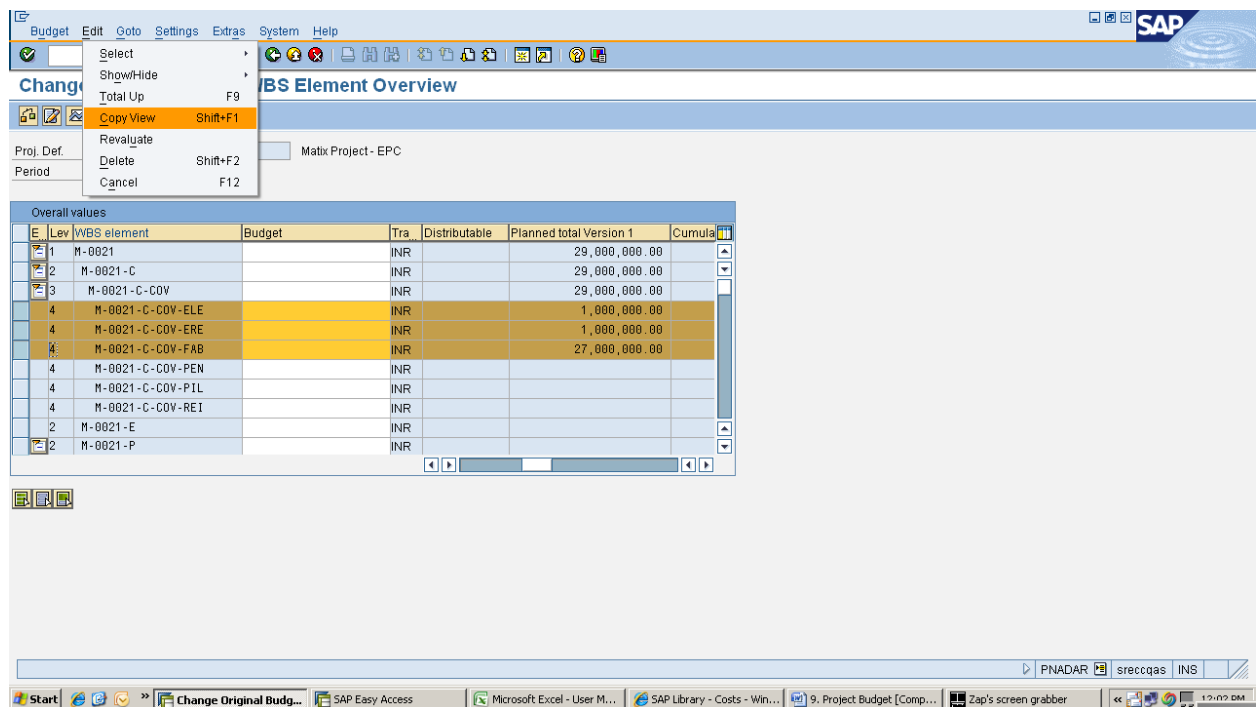
Select Planned Total

Copy View Screen appears, Enter the Percentage amount that need to be copy, say 100%

System will copy 100% of Planned Cost as Budget.

Change Original Budget: WBS Element Overview

Annual Overview

Proj. Def.	M-0021		Matix Project - EPC
Period	0 Overall	◀ ▶	

Overall values

E..	Lev	WBS element	Budget	Tra..	Planned total Version 1
	1	M-0021		INR	29,000,000.00
	2	M-0021-C		INR	29,000,000.00
	3	M-0021-C-COV		INR	29,000,000.00
	4	M-0021-C-COV-ELE	1,000,000.00	INR	1,000,000.00
	4	M-0021-C-COV-ERE	1,000,000.00	INR	1,000,000.00
	4	M-0021-C-COV-FAB	27,000,000.00	INR	27,000,000.00
	4	M-0021-C-COV-PEN		INR	
	4	M-0021-C-COV-PIL		INR	
	4	M-0021-C-COV-REI		INR	
	2	M-0021-E		INR	
	2	M-0021-P		INR	

Totalling up Budget Values
This helps to roll up the budget from Lower WBS to higher WBS.
The Budget at lower WBS should be within the limit of Top WBS.

Go to Edit →Total up
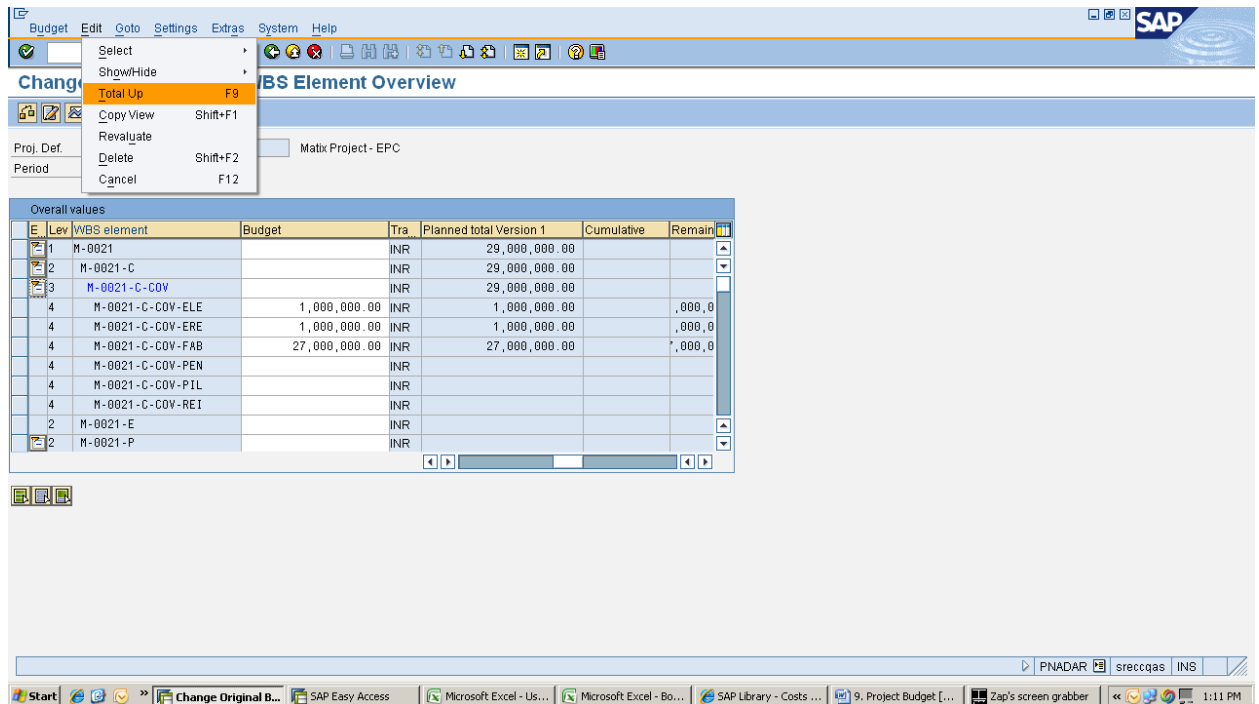
Total up screen appears

Press enter; system will roll up the Budget from lower WBS to Top WBS (Bottom up).

Change Original Budget: WBS Element Overview

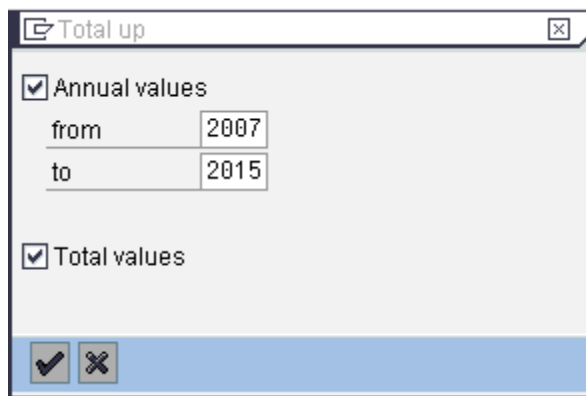[icons] Annual Overview

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall ◄ ►	

Overall values

E...	Lev	WBS element	Budget	Tra...	Current budget	Distributed	Distributable
	1	M-0021	29,000,000.00	INR	29,000,000.00	29,000,000.00	
	2	M-0021-C	29,000,000.00	INR	29,000,000.00	29,000,000.00	
	3	M-0021-C-COV	29,000,000.00	INR	29,000,000.00	29,000,000.00	
	4	M-0021-C-COV-ELE	1,000,000.00	INR	1,000,000.00		1,000,000.
	4	M-0021-C-COV-ERE	1,000,000.00	INR	1,000,000.00		1,000,000.
	4	M-0021-C-COV-FAB	27,000,000.00	INR	27,000,000.00		27,000,000.
	4	M-0021-C-COV-PEN		INR			
	4	M-0021-C-COV-PIL		INR			
	4	M-0021-C-COV-REI		INR			
	2	M-0021-E		INR			
	2	M-0021-P		INR			

Click on [icon]. System will give the message ✓ Check complete : No errors detected .

Save the budget values, save button [icon] .
System saves the budget values and a document posted message appears on the
status bar as shown below.

✓ Document 0100000224 posted

Note: For Project except Capex Project, budget assignment can be overall or annual.
Annual budgeting is only for reporting purpose. Budget check will happen on Overall
budget.
For capex project budget assignment is Annual & budget check also Annual.

Display Project Budget

Purpose

Display budget assigned to project.

Prerequisites

- Project with budget assignment.

Menu Path

Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System → Project→ Financials → Budgeting → Original Budget → Display (CJ31)**

Transaction Code

CJ31

Enter the CJ31 in the Transaction command [cj31] and press the

OK button [✓] or Enter

Enter Project number

Display Original Budget: Initial Screen

Original Budget

Project Def.	M-0021
WBS Element	
Currency	

Press Enter

Display Original Budget: WBS Element Overview

🔓 ✉ Annual Overview

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall ▾ ◄ ►	

Overall values

E	Lev	WBS element	Budget	Tra	Current budget	Distributed	Distributable	Planned t
	1	M-0021	29,000,000.00	INR	29,000,000.00	29,000,000.00	0.00	33,150,
	2	M-0021-C	29,000,000.00	INR	29,000,000.00	29,000,000.00	0.00	33,000,
	3	M-0021-C-COV	29,000,000.00	INR	29,000,000.00	29,000,000.00	0.00	33,000,
	4	M-0021-C-COV-ELE	1,000,000.00	INR	1,000,000.00	0.00	1,000,000.00	33,000,
	4	M-0021-C-COV-ERE	1,000,000.00	INR	1,000,000.00	0.00	1,000,000.00	
	4	M-0021-C-COV-FAB	27,000,000.00	INR	27,000,000.00	0.00	27,000,000.00	
	4	M-0021-C-COV-PEN		INR				
	4	M-0021-C-COV-PIL		INR				
	4	M-0021-C-COV-REI		INR				
	2	M-0021-E		INR				
	2	M-0021-P		INR				150,

System will display budget in display mode.

Following details will get displayed.

> ***Current budget*** consists of the original budget, supplements, returns and transfers.

> ***Distributed* budget**: The distributed value results from the budget distributed to subordinate objects.

> ***Distributable* budget**: The distributable value is the difference between the current budget and the distributed value. It is budget which is yet to be distributed.

> ***Assigned*** consists of commitment and actual postings.

> ***Plan total*** is the annual or overall plan value.

> ***Releases*** are the value of the released budget.

Entering Budget Texts

Purpose

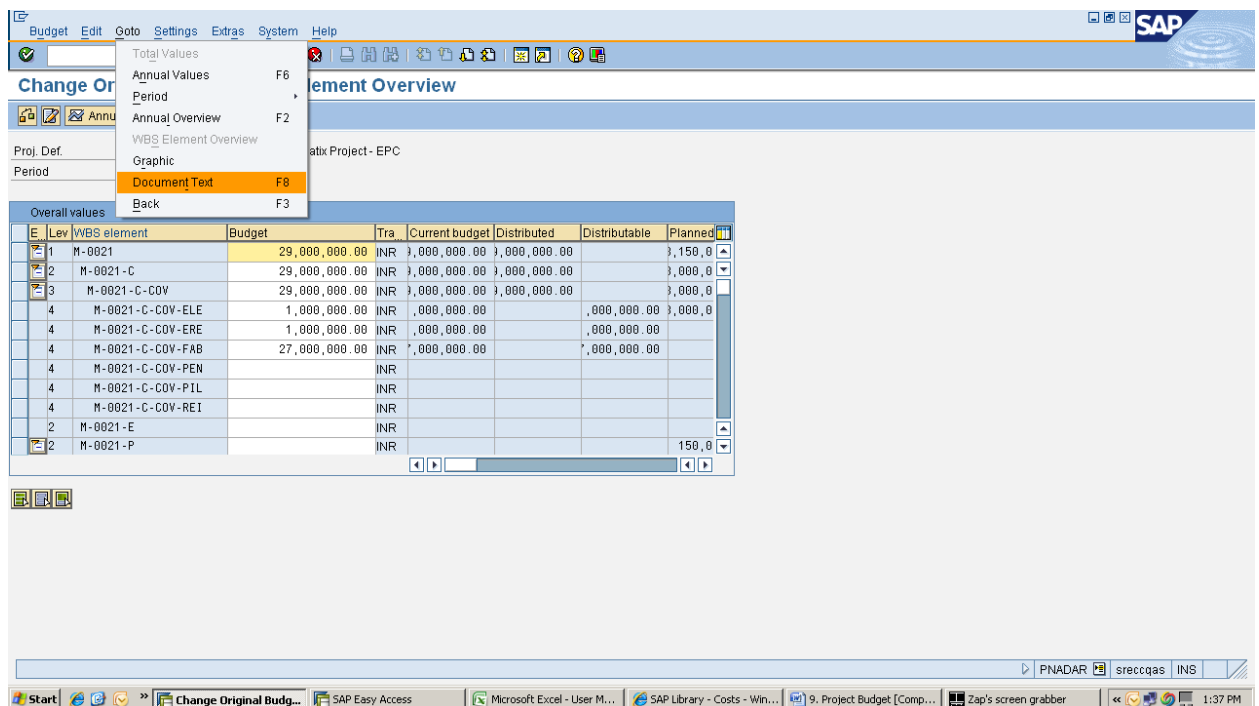Short text, long text can be assigned to the Project Budget.

Menu Path

Use the menu path(s) to begin the transaction:

- Select Logistics → Project System → Project→ Financials → Budgeting →
  Original Budget Change CJ30
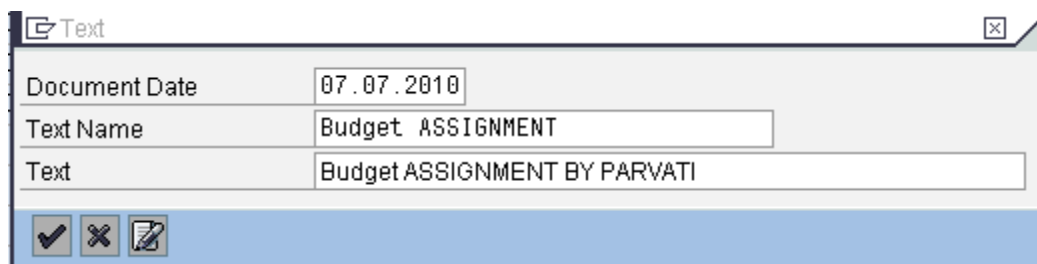
Transaction Code

CJ30

Go to Budget Assignment Screen, Go to →Document Text

Enter Date, Text & Text Name as shown below

Below Message appears, click enter

Information ☒

ℹ **Text BUDGET ASSIGNMENT ID BPPT language EN not found**

✔ ❓

Click on Yes

Text ☒

❓ Enter new text BUDGET ASSIGNMENTcreate text?

| Yes | No | ✖ Cancel |

Screen for long text entry will appear, enter long text.

Change Budget/planning projects: BUDGET ASSIGNMENT Language EN

Budget Assignment to the Project M-0021.
Budget reference is Planned cost done in Version 1.
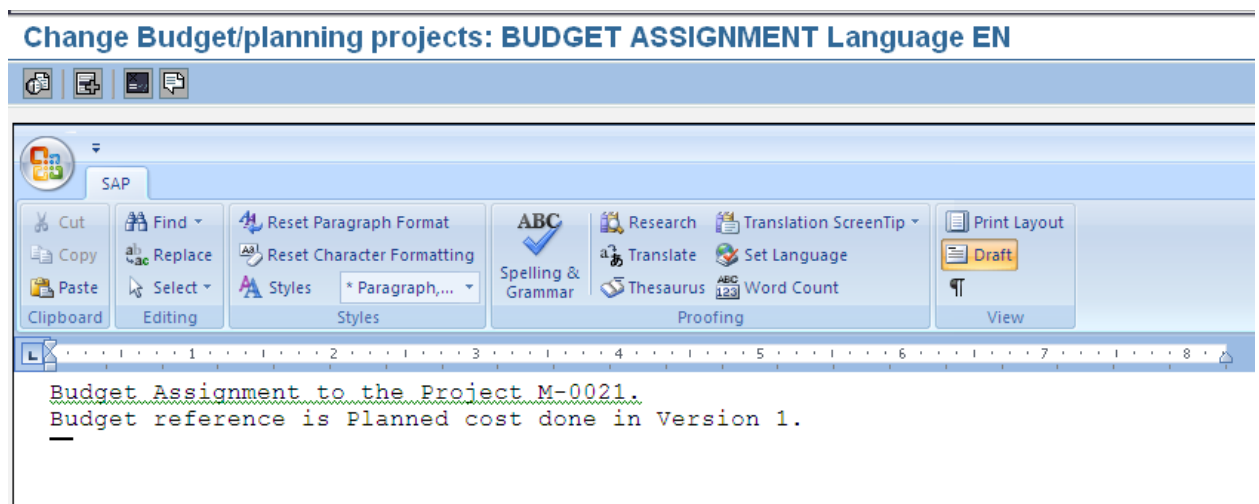
Save the data. System will give message

✅ Text BUDGET ASSIGNMENT language EN was saved

Go back & Save again.
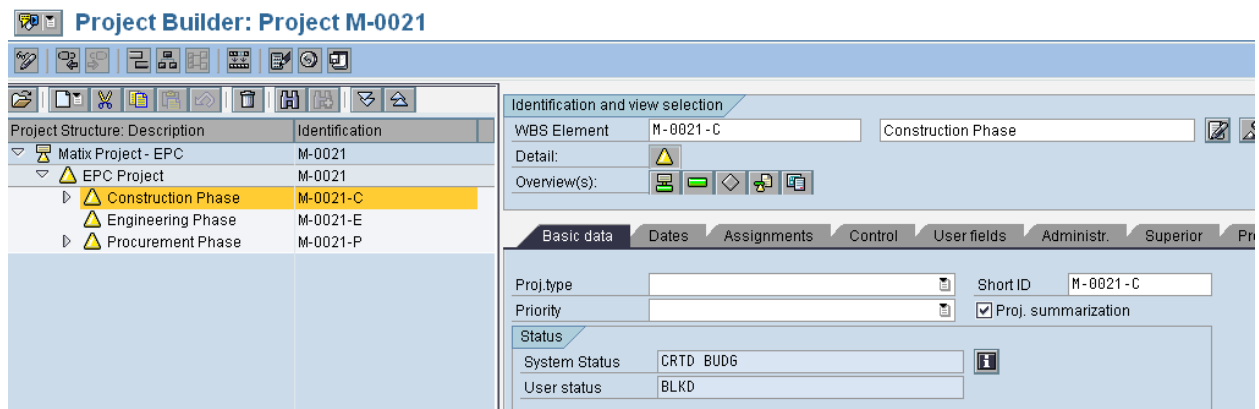
System Status: Budgeted

After you allocate budget to a WBS element for the first time, the system status budgeted is set against the WBS. The system status remains if you remove the budget from the WBS element.

If the system status is budgeted, the following activities are prohibited:

- Deletion of WBS elements

- Reassignment of WBS elements and all subordinate objects

Open the Project in Project Builder.

System Status BUDG set for WBS M-0021-C

Budget Release

Purpose

In many businesses, distributing a budget is not the same as releasing the budget. For this reason, the Project System includes a separate budget release facility.

Trigger

Budget Availability Control

Prerequisites

- WBS structure to be created.
- Budget Assigned to WBS

Menu Path

Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System → Project→ Financials → Budgeting → Release → Change (CJ32)**

Transaction Code

CJ32
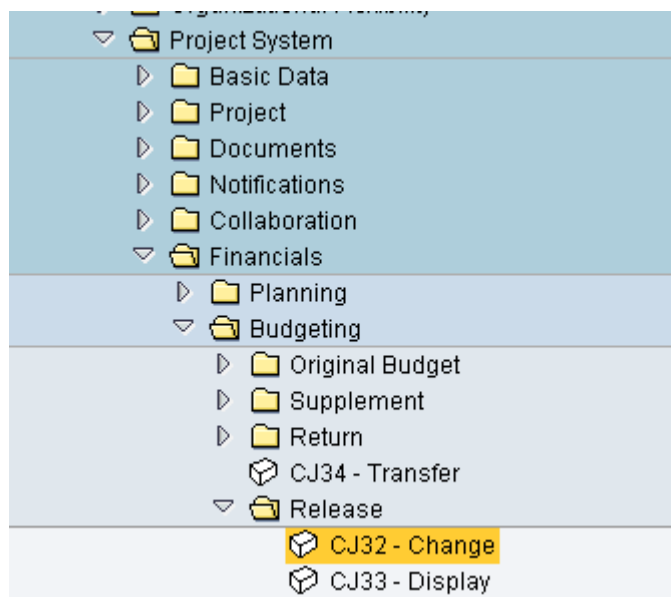
Enter Project number

Change Release: Initial Screen
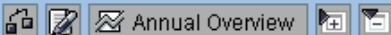
Release

Project Def.	M-0021
WBS Element	
Currency	

Press enter

Change Release: WBS Element Overview

Annual Overview

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall	

Overall values

E.	Lev	WBS element	Release	Tra...	Current budget	Distributed	Distributable
	1	M-0021		INR	128,000,000.00		
	2	M-0021-C		INR	128,000,000.00		
	3	M-0021-C-COV		INR	128,000,000.00		
	4	M-0021-C-COV-ELE		INR	100,000,000.00		
	4	M-0021-C-COV-ERE		INR	1,000,000.00		
	4	M-0021-C-COV-FAE		INR	27,000,000.00		
	4	M-0021-C-COV-PEM		INR			
	4	M-0021-C-COV-PIL		INR			
	4	M-0021-C-COV-REI		INR			

Current budget is the budget assigned to the Project. As per the requirement 100% or Partial budget can be released.

Release Partial budget : Select the WBS & Go to Edit →Copy View
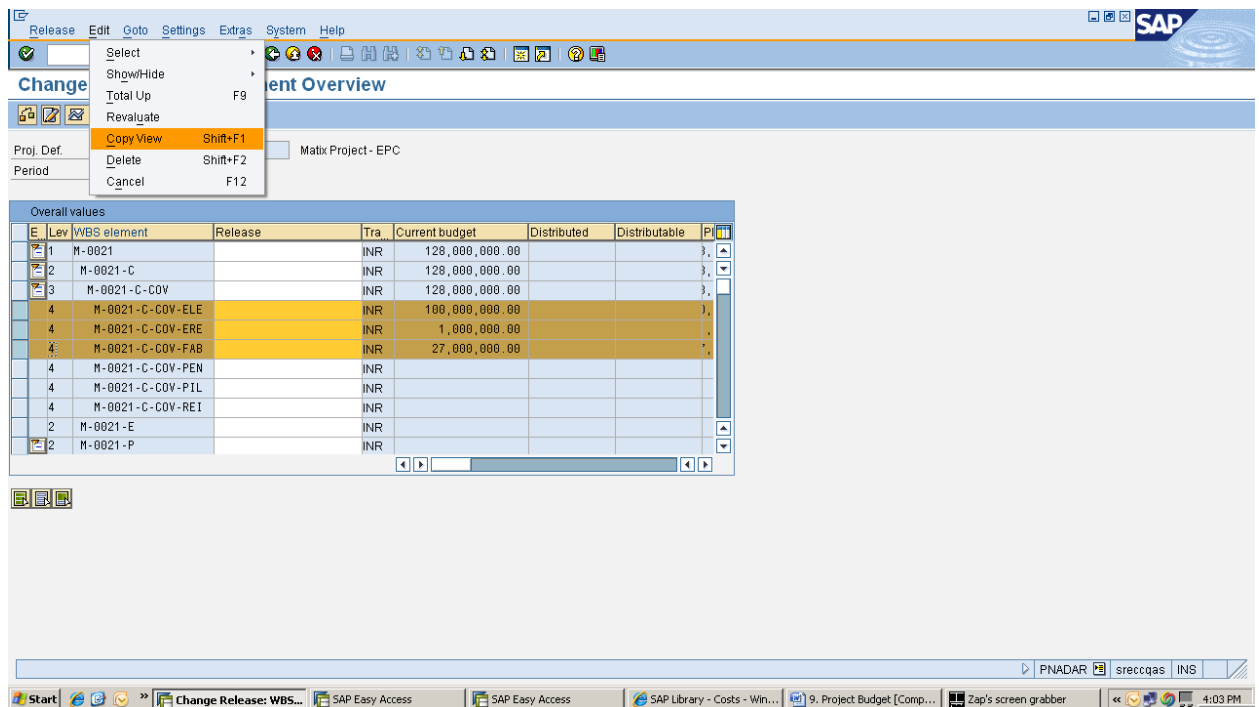
Below Screen appears, Select Current Budget.
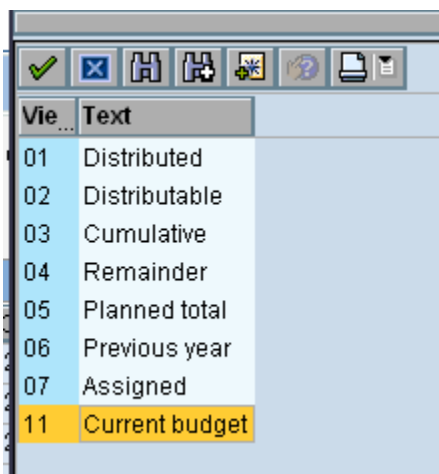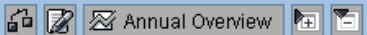
Copy View screen appears, enter 80% & continue
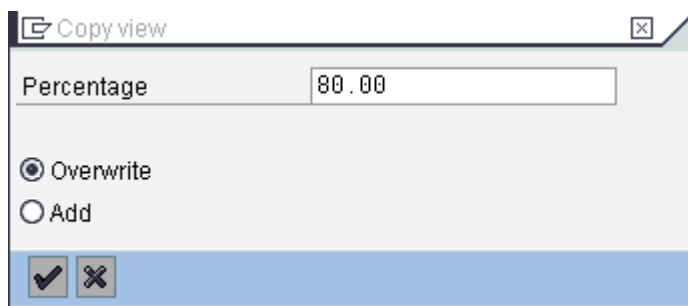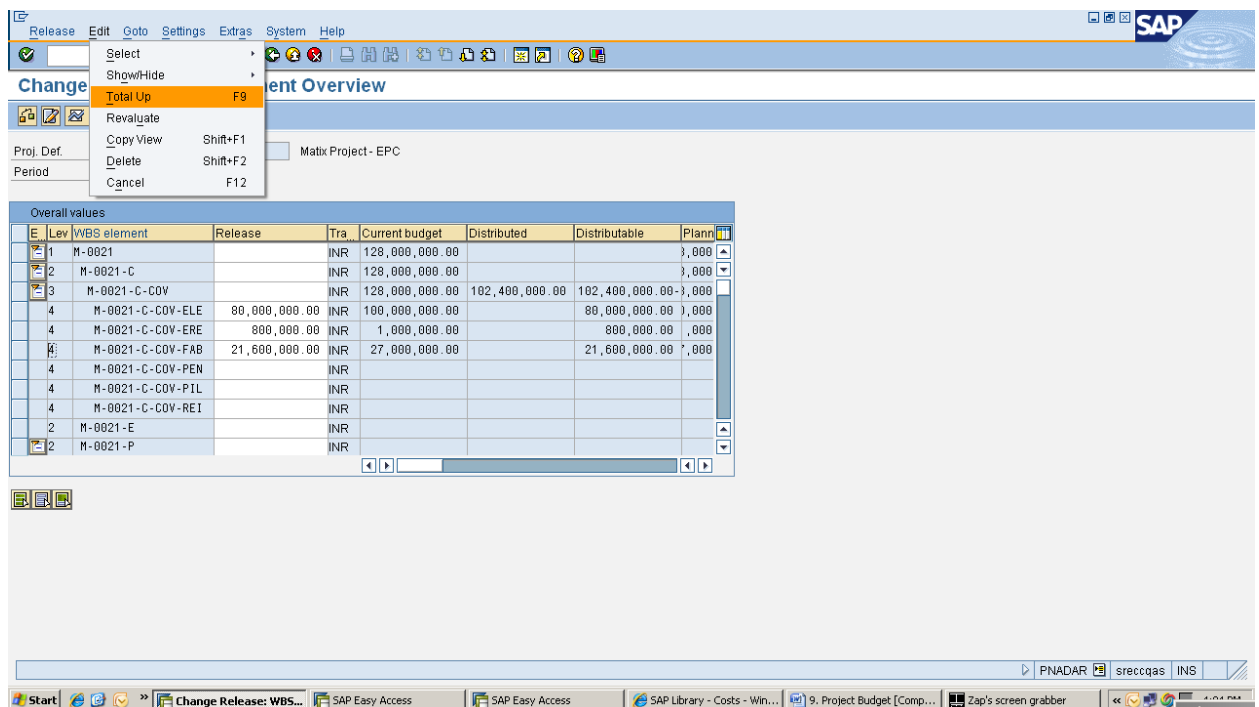
80% of amount from Current Budget Column will get copy under release column

Total up the budget to higher WBS.

Go to menu Edit →Total Up

Budget from lower level WBS will total up to Top WBS.

Change Release: WBS Element Overview

[🔓] [📝] [📈 Annual Overview] [🔲] [🔲]

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall ▤ ◀ ▶	

Overall values

	E	Lev	WBS element	Release	Tra	Current budget	Distributed	Distributable	Plann
	▤	1	M-0021	102,400,000.00	INR	128,000,000.00	102,400,000.00		3,000
	▤	2	M-0021-C	102,400,000.00	INR	128,000,000.00	102,400,000.00		3,000
	▤	3	M-0021-C-COV	102,400,000.00	INR	128,000,000.00	102,400,000.00		3,000
		4	M-0021-C-COV-ELE	80,000,000.00	INR	100,000,000.00		80,000,000.00	),000
		4	M-0021-C-COV-ERE	800,000.00	INR	1,000,000.00		800,000.00	,000
		4	M-0021-C-COV-FAB	21,600,000.00	INR	27,000,000.00		21,600,000.00	',000
		4	M-0021-C-COV-PEN		INR				

Click on [🔓]. System will give the message [✅ Check complete : No errors detected].

Save. System will give the document number.

[✅ Document 0100000228 posted]

Note : Budget release amount should be less than or equal to the current budget.

	END USER MANUAL	
IBM	**Project NAVODAYA** **Area: Project Systems**	ESSAR PROJECTS
	Project Budgeting	

Display Budget Release

Purpose

Display budget release to the project

**Prerequisites**

▪ Project against which budget is released.

Menu Path

Use the menu path(s) to begin the transaction:

▪ **Select Logistics → Project System → Project→ Financials → Budgeting → Release → Dispaly (CJ33)**

Enter project number

Display Release: Initial Screen

Release

Project Def.	M-0021
WBS Element	

Currency	

Press enter

Display Release: WBS Element Overview

| 🔓 | ☒ Annual Overview | 🗖 🗗 |

Proj. Def.	M-0021		Matix Project - EPC
Period	0 Overall ▤ ◀ ▶		

Overall values

	E.	Lev	WBS element	Release	Tra...	Current budget	Distributed	Distributable	Assi
	🗖	1	M-0021	102,400,000.00	INR	128,000,000.00	102,400,000.00	0.00	▲
	🗖	2	M-0021-C	102,400,000.00	INR	128,000,000.00	102,400,000.00	0.00	▼
	🗖	3	M-0021-C-COV	102,400,000.00	INR	128,000,000.00	102,400,000.00	0.00	
		4	M-0021-C-COV-ELE	80,000,000.00	INR	100,000,000.00	0.00	80,000,000.00	},00
		4	M-0021-C-COV-ERE	800,000.00	INR	1,000,000.00	0.00	800,000.00	
		4	M-0021-C-COV-FAB	21,600,000.00	INR	27,000,000.00	0.00	21,600,000.00	

System will display the released budget in display mode.

System Status: AVAC & User Status BUDG

After you release budget to a WBS element for the first time, the system status AVAC (Availability Control Active) is set against the WBS & User Status BUDG is Set
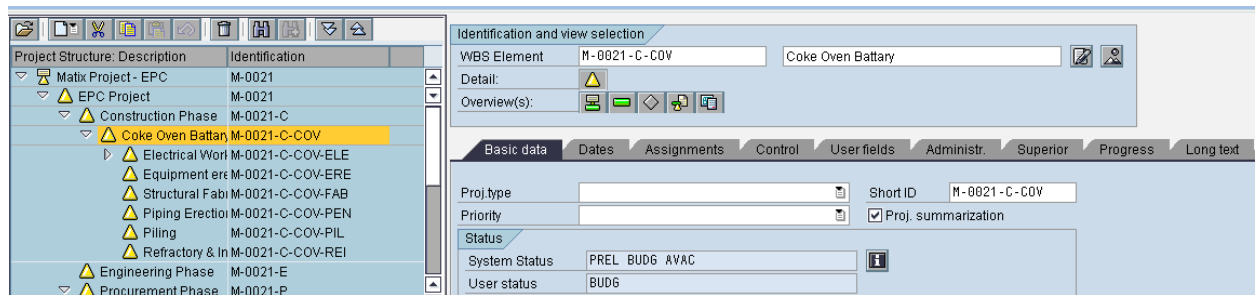
Availability Control & Tolerance Limit

Availability Control: When budget gets released against WBS AVAC status gets active for that WBS. This means when user try to create a PR or post values more than the budget available system will give error message.

This error message is control through the tolerance limit which is set for the Budget Profile (Budget Profile is a control parameter for budgeting).

The tolerance limit sets for EPIL projects are :

  a. At 80% : When budget gets exhausted till 80%, warning message will be issued.

  b. At 90% : When budget gets exhausted till 90%, a mail will go the person responsible

  c. At 100% : When budget gets exhausted till 100%, system will give error message.

Budget Document

During budgeting/budget updates process, system assign document number.
This document number can be assign text by using below t-code.

Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System → Project→ Financials → Budgeting → Document → CJ3A - Change**.

```
▽ 🗁 SAP menu
   ▷ 📁 Office
   ▷ 📁 Cross-Application Components
   ▷ 📁 Organization
   ▷ 📁 Logistics
   ▽ 🗁 Accounting
      ▷ 📁 Financial Accounting
      ▷ 📁 Financial Supply Chain Management
      ▷ 📁 Controlling
      ▷ 📁 Enterprise Controlling
      ▷ 📁 Strategic Enterprise Management
      ▷ 📁 Investment Management
      ▽ 🗁 Project System
         ▷ 📁 Basic Data
         ▷ 📁 Project
         ▷ 📁 Documents
         ▷ 📁 Notifications
         ▷ 📁 Collaboration
         ▽ 🗁 Financials
            ▷ 📁 Planning
            ▽ 🗁 Budgeting
               ▷ 📁 Original Budget
               ▷ 📁 Supplement
               ▷ 📁 Return
                 ⬡ CJ34 - Transfer
               ▷ 📁 Release
               ▽ 🗁 Document
                    ⬡ CJ3A - Change
                    ⬡ CJ3B - Display
```

Transaction code : CJ3A

Enter document number in below screen

Change Document: Initial Screen

Document number	100000228

Press enter.

Change Document

✎

Document number	100000228
Document Date	07.07.2010
Controlling Area	7000 Project Business Group
Version	0

Text

Text Name	BUDGET RELEASE 80%
Text	

Document Line Items

Itm	WBS Element	Year	Acty	Amount	
001	M-0021-C-COV-ELE		Rel.	80,000,000.00	INR
002	M-0021-C-COV-ERE		Rel.	800,000.00	INR
003	M-0021-C-COV-FAB		Rel.	21,600,000.00	INR
004	M-0021-C-COV		Rel.	102,400,000.00	INR
005	M-0021-C		Rel.	102,400,000.00	INR
006	M-0021		Rel.	102,400,000.00	INR

Enter Text Name & Text

Save.

Display Budget Document

In order to display the budget document use below t-code.

- **Select Logistics → Project System → Project→ Financials → Budgeting → Document → CJ3B - Display**
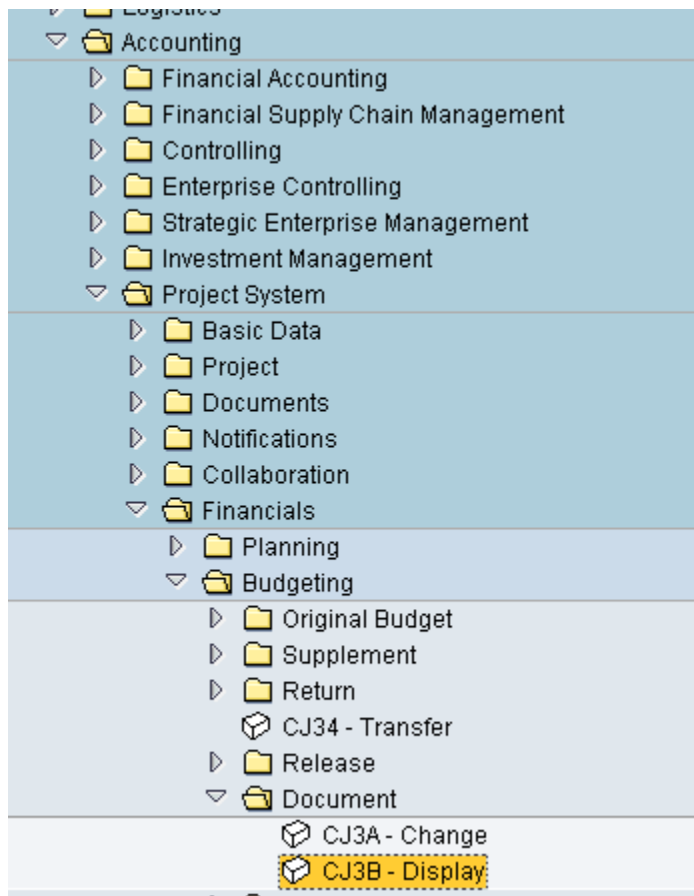
Transaction code : CJ3B

Enter document number.

Display Document: Initial Screen

Document number	100000228

Press enter.

System will display the details as shown below

Display Document

Document number	100000228	
Document Date	07.07.2010	
Controlling Area	7000	Project Business Group
Version	0	

Text

Text Name	BUDGET RELEASE 80%
Text	

Document Line Items

Itm	WBS Element	Year	Acty	Amount	
001	M-0021-C-COV-ELE		Rel.	80,000,000.00	INR
002	M-0021-C-COV-ERE		Rel.	800,000.00	INR
003	M-0021-C-COV-FAB		Rel.	21,600,000.00	INR
004	M-0021-C-COV		Rel.	102,400,000.00	INR
005	M-0021-C		Rel.	102,400,000.00	INR
006	M-0021		Rel.	102,400,000.00	INR

Budget: Activate Availability Control

If budget check not works properly, we have to activate availability control.

Only authorised user will have access to this transaction.

Transaction Code: CJBV

Project Availability Control Background Job Activation

⏱	⬛ 🗂 🗃	🖊 DB profile	🗂 DB profile	⬢ Status

Project Management Selections (DB profile: 000000000001)

| Project | M-0021 | to | | ➡ |
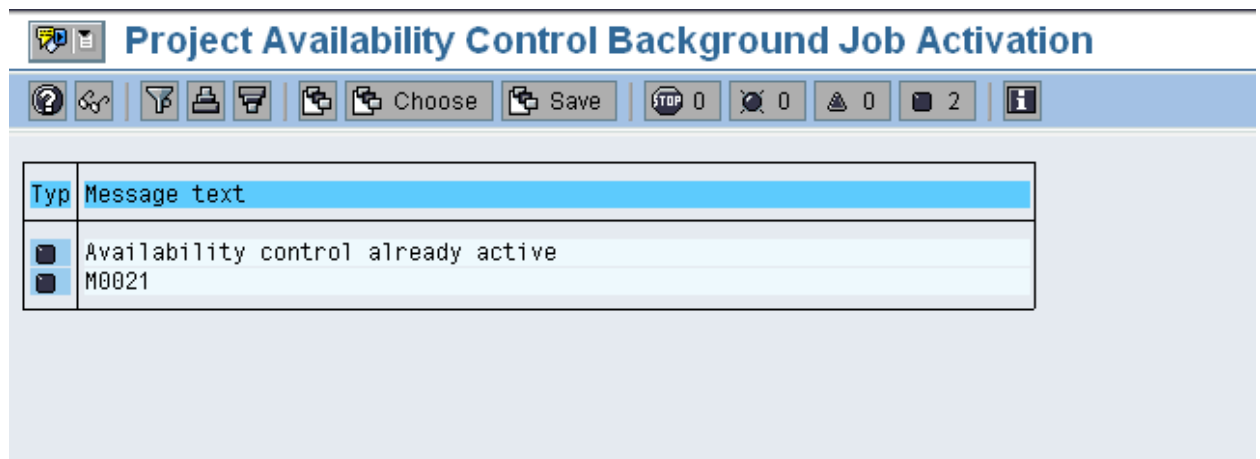
☑ Detailed log

Enter project number, click on detailed log.

Press execute ⏱ **.**

System pops up below screen with message.

Project Availability Control Background Job Activation

❓	🔍	🔽 🖨 📋	🗂 🗂 Choose	🗂 Save	🛑 0	🔘 0	⚠ 0	⬛ 2	ℹ

Typ	Message text
⬛	Availability control already active
⬛	M0021

Reconstructing the Data base

It is necessary to reconstruct the database for getting correct report after running

activates budget availability control function.

Only authorised user will have access to this transaction.

Transaction: CJEN

Enter project number

Reconstruct Project Info Database

🕐 🔷 ☰ 🖥 🔢 🖱 🎴 ✏ DB profile 🖬 DB profile 🔷 Status

Project Management Selections (DB profile: 000000000001)

Project	M-0021	to		➡

Network/order		to		➡

Processing Options

☐ Background processing	☑ Error log
☑ Test run	☑ Object list
☐ Delete	☑ Detail list
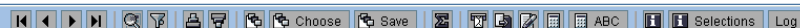
Tick check box Error log, object list, detail list

Press execute

Reconstruct Project Info Database

Reconstruct project info database: costs, revenues, and payments

Project M-0021 Matix Project - EPC

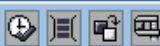| Object	Ledger	VT	Ob.ID	Year	Value category	Bdgt Type	Version	VCat	Fund	TCurr	PBlck	Crcy	Debit type	Ldgr crcy val.,total	TC value, total
NWA 4000340 0010	0002	1	1	2010		KPPS	0	00		INR	16	INR	1	33,000,000.00	33,000,000.00
NWA 4000340 0010	0002	4	1	2010		RKL	0	00		INR	16	INR	1	330,000.00	330,000.00
WBS M-0021	0002	1	P	2010		KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021	0002	1	P			KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021	0002	1	P			KSTR	1	00		INR		INR	2	1,000,000.00-	1,000,000.00-
WBS M-0021	0002	1	P	2010	SOS	RKP5	1	00		INR	16	INR	2	1,000,000.00-	1,000,000.00-
WBS M-0021	0002	1	P	2010		KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021	0002	1	P			KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021	0002	41	P			KBUD	0	00		INR		INR	1	0.00	0.00
WBS M-0021	0002	45	P			KBFR	0	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	1	P	2010		KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	1	P			KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	1	P	2010		KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	1	P			KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	41	P			KBUD	0	00		INR		INR	1	0.00	0.00
WBS M-0021-C	0002	45	P			KBFR	0	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	1	P	2010		KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	1	P			KSTP	1	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	1	P	2010		KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	1	P			KSTP	2	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	41	P			KBUD	0	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV	0002	45	P			KBFR	0	00		INR		INR	1	0.00	0.00
WBS M-0021-C-COV-ELE	0002	1	P	2010		KSTP	1	00		INR		INR	1	100,000,000.00	100,000,000.00
WBS M-0021-C-COV-ELE	0002	1	P	2010	CON	RKP1	1	00		INR	16	INR	1	100,000,000.00	100,000,000.00
WBS M-0021-C-COV-ELE	0002	41	P			KBUD	0	00		INR		INR	1	100,000,000.00	100,000,000.00
WBS M-0021-C-COV-ELE	0002	45	P			KBFR	0	00		INR		INR	1	80,000,000.00	80,000,000.00

Budget: Reset "Budgeted" Status

This transaction code is used to reset the status 'BUDG' on WBS.

Only authorised user will have access to this transaction.

Transaction code: OPSX

Enter project definition/WBS.

Check "Budgeted" Status and Reset if Necessary

Project Management Selections (DB profile: 000000000001)

Project   M-0021   to

WBS Element   to

Processing

☐ Test Run

☑ Detail List

Execute in test mode with detail list.

```
Check "Budgeted" Status and Reset if Necessary

  WBS Element

  Processing

    Test Run
  X Detail List


No status changes were carried out.

The following WBS elements are budgeted (status unchanged):

M-0021                    EPC Project
M-0021-C                  Construction Phase
M-0021-C-COV              Coke Oven Battary
M-0021-C-COV-ELE          Electrical Works
M-0021-C-COV-ERE          Equipment erection
M-0021-C-COV-FAB          Structural Fabrication


The following WBS elements are not budgeted:

M-0021-C-COV-PEN          Piping Erection Works
M-0021-C-COV-PIL          Piling
M-0021-C-COV-REI          Refractory & Insulation
M-0021-E                  Engineering Phase
M-0021-P                  Procurement Phase
M-0021-P-BLF              Blast Furnace
M-0021-P-BLF-MES          Mechanical Static Material
M-0021-P-BLF-MES-VSL      VSL  Vessels
M-0021-P-BLF-MER          Mechanical Rotary Material
```

System will display the details as shown above.

Since for this project status is correctly assigned against wbs, no status changes were carried out.

System will also display the WBS for which no budget assignment is done.

After executing in test mode, execute the transaction without test mode for resetting the BUDG status.

Budget Updates

Purpose

Use this procedure to budget updates i.e. budget supplement, budget return or budget transfer from one WBS element to the other WBS element.

Trigger

Perform this procedure when the budget requirement during project execution.

Prerequisites

- WBS elements should be created.

Menu Path

Use the menu path(s) to begin the transaction:

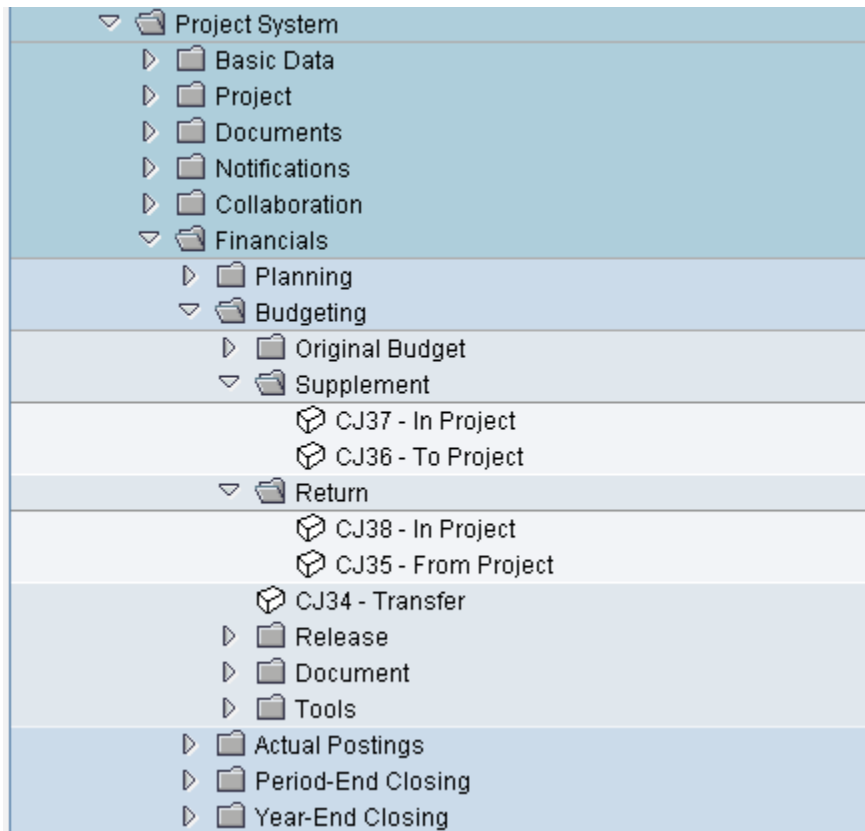- **Select Logistics → Project System → Financial → Budgeting →**

Transaction Code

CJ37, Cj36, CJ34, CJ35, CJ38

Hints

- Press F1 for Help
- Press F4 for getting input values
- R – Required
- O- Optional
- C- Conditional

Procedure

1. Budget Supplement

There are two types of budget supplement:

a. Budget Supplement in Project

Supplements within projects are distributed top-down from a higher-level WBS element to lower-level ones. The amount of a supplement to a WBS element may not exceed the funds available in the next level up.

Transaction Code - CJ37
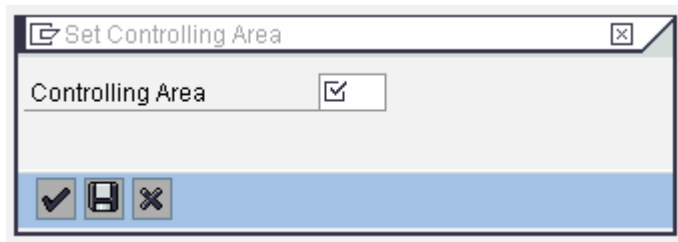
The transaction can be reached by

Using the transaction command window CJ37 and

clicking .

If below screen appears ,

Enter the Controlling Area 7000.

Change Supplement: Initial Screen

Supplement
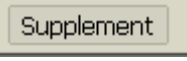
Project Def.	M-0021
WBS Element	
Currency	

Field Name	R/O/C	Description
Proj Def	R	Project Definition for which the budget is to be supplemented
WBS Element	O	WBS Element when budget is to be supplemented on individual WBS element.
Curr	O	Controlling Area currency will be taken by default
Budget At WBS	R	Distributable column should have Amount to be supplement to lower WBS

And press the button Supplement or ENTER

Change Supplement: WBS Element Overview

🔓 📝 ✎ Annual Overview

| Proj. Def. | M-0021 | Matix Project - EPC |
| Period | 0 Overall ▣ ◀ ▶ | |

Overall values

	E..	Lev	WBS element	Supplement	Tra..	Distributed	Distributable	A
	📄	1	M-0021		INR	128,000,000.00		
	📄	2	M-0021-C		INR	128,000,000.00		
	📄	3	M-0021-C-COV		INR	128,000,000.00		
	📄	4	M-0021-C-COV-ELE		INR		100,000,000.00	3
		5	M-0021-C-COV-ELE-1		INR			
		4	M-0021-C-COV-ERE		INR		1,000,000.00	
		4	M-0021-C-COV-FAB		INR		27,000,000.00	
		4	M-0021-C-COV-PEN		INR			
		4	M-0021-C-COV-PIL		INR			

Distribute 10000 from WBS M-0021-C-COV-ELE (having distributable value) to WBS M-0021-C-COV-ELE-1

Change Supplement: WBS Element Overview

🔓 📝 ✎ Annual Overview

| Proj. Def. | M-0021 | Matix Project - EPC |
| Period | 0 Overall ▣ ◀ ▶ | |

Overall values

	E..	Lev	WBS element	Supplement	Tra..	Distributed	Distributable	Assig
	📄	1	M-0021		INR	128,000,000.00		
	📄	2	M-0021-C		INR	128,000,000.00		
	📄	3	M-0021-C-COV		INR	128,000,000.00		
	📄	4	M-0021-C-COV-ELE		INR	10,000.00	99,990,000.00	3,000
		5	M-0021-C-COV-ELE-1	10,000.00	INR		10,000.00	
		4	M-0021-C-COV-ERE		INR		1,000,000.00	
		4	M-0021-C-COV-FAB		INR		27,000,000.00	
		4	M-0021-C-COV-PEN		INR			
		4	M-0021-C-COV-PIL		INR			

Now check the consistency of the values by clicking the button 🔓 which should give no errors message ✅ Check complete : No errors detected .

Save the values by clicking the save button ![save]. The system posts the document.

✓ Document 0100000229 posted

b. Budget Supplement to Project

Use to assign supplementary funds to a selected WBS element.

 Transaction Code - CJ36

 The transaction can be reached by

using the transaction command window ![cj36] and

clicking ![icon].
Screen will pop up.

Enter date, tick the overall values too.

Post Supplement: Initial Screen

Document Date	14.07.2010

Copy from

Receiver year	2010
☑ Overall values too	

Text Name	BUDGET SUPPLEMENT
Text	

Press enter.

Enter the WBS & amount to be supplemented against WBS, Say against WBS M-0021-C-COV-ELE-1 amount supplemented is 10000.

Post Supplement: List Screen

Document Date   14.07.2010

Budget Supplmts

	LNo	Receiver WBS element	Amount	Curr.	Rec...	Overall	
	1	M-0021-C-COV-ELE-1	10,000.00	INR	2010	☑	▲
	2				2010	☑	▼
	3				2010	☑	
	4				2010	☑	
	5				2010	☑	
	6				2010	☑	
	7				2010	☑	
	8				2010	☑	
	9				2010	☑	
	10				2010	☑	

Now check the consistency of the values by clicking the button which should give no errors message ⊘ Check complete : No errors detected .

Save the values by clicking the save button 🖫 .The system posts the document.

⊘ Document 0100000249 posted
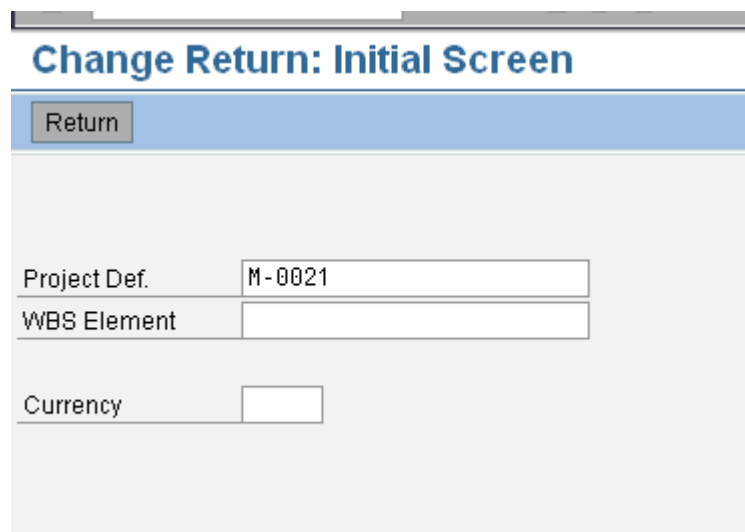
2. Budget Return

Excess budget can be returned.
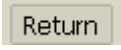
There are two forms of budget return.

a. Return in project

Returns in the project are made from the bottom-up from a lower-level WBS element to the next one up. You can only return budget that is distributable or available.

Transaction – CJ38

Change Return: Initial Screen

| Return |

Project Def.	M-0021
WBS Element	
Currency	

Field Name	R/O/C	Description
Proj Def	R	Project Definition from which the budget is to be returned.
WBS element	R	WBS element from which the budget has to be return on individual WBS wise.
Curr	R	Controlling Area currency is taken as the default.

Click the button Return or press enter

Enter the amount to be return from the WBS element. The below screen appears.

Change Return: WBS Element Overview

🔒 📝 ⊠ Annual Overview

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall ▤ ◄ ►	

Overall values

E...	Lev	WBS element	Return	T	Current budget	Distributed	Distributable	Ass
📆	1	M-0021		IN	128,010,000.00	128,010,000.00		▲
📆	2	M-0021-C		IN	128,010,000.00	128,010,000.00		▼
📆	3	M-0021-C-COV		IN	128,010,000.00	128,010,000.00		
📆	4	M-0021-C-COV-ELE		IN	100,010,000.00	20,000.00	99,990,000.00	3,0
	5	M-0021-C-COV-ELE-1		IN	20,000.00		20,000.00	
	4	M-0021-C-COV-ERE		IN	1,000,000.00		1,000,000.00	
	4	M-0021-C-COV-FAB		IN	27,000,000.00		27,000,000.00	
	4	M-0021-C-COV-PEN		IN				
	4	M-0021-C-COV-PIL		IN				
	4	M-0021-C-COV-REI		IN				▲
	2	M-0021-E		IN				▼

Against WBS M-0021-C-COV-ELE-1 the distributable budget is 20,000. We will return 10,000 to its top WBS M-0021-C-COV-ELE having distributable value as 99,990,000.00

Change Return: WBS Element Overview

🔒 📝 ⊠ Annual Overview

Proj. Def.	M-0021	Matix Project - EPC
Period	0 Overall ▤ ◄ ►	

Overall values

E...	Lev	WBS element	Return	T	Current budget	Distributed	Distributable	Ass
📆	1	M-0021		IN	128,010,000.00	128,010,000.00		▲
📆	2	M-0021-C		IN	128,010,000.00	128,010,000.00		▼
📆	3	M-0021-C-COV		IN	128,010,000.00	128,010,000.00		
📆	4	M-0021-C-COV-ELE		IN	100,010,000.00	10,000.00	100,000,000.00	3,0
	5	M-0021-C-COV-ELE-1	10,000.00	IN	10,000.00		10,000.00	
	4	M-0021-C-COV-ERE		IN	1,000,000.00		1,000,000.00	
	4	M-0021-C-COV-FAB		IN	27,000,000.00		27,000,000.00	
	4	M-0021-C-COV-PEN		IN				
	4	M-0021-C-COV-PIL		IN				
	4	M-0021-C-COV-REI		IN				▲
	2	M-0021-E		IN				

When amount 10,000 is returned from WBS M-0021-C-COV-ELE-1 to its top WBS M-0021-C-COV-ELE, the distributable value as 99,990,000.00 changed to 100,000,000.00.
This process helps to return the budget from lower WBS to its Superior WBS.

Consistency of the values can be checked by clicking the button ▣. And save the

values by clicking the save button 💾 .
A document is posted.

✅ Document 0100000250 posted

Note : The above process can be used with total up function. If budget amount is entered & total up is done, the amount will accordingly get reduced till top WBS.

b. Return from project

With a return from a project, you are giving up budget which is still available or distributable in a WBS element.

Transaction – CJ35

Post Return: Initial Screen

👤

Document Date   14.07.2010

Template
Sender year   2010
☑ Overall values too

Text Name   [   ]
Text   [   ]

Press enter
Enter Sender WBS, Amount

Post Return: List Screen

Document Date 14.07.2010

Budget Returns

	LNo	Sender WBS element	Amount	Curr.	Sen...	Total	
	1	M-0021-C-COV-ELE-1	100.00	INR	2010	☑	▲
	2				2010	☑	▼
	3				2010	☑	
	4				2010	☑	

Consistency of the values can be checked by clicking the button ![button]. And save the values by clicking the save button ![save].

A document is posted
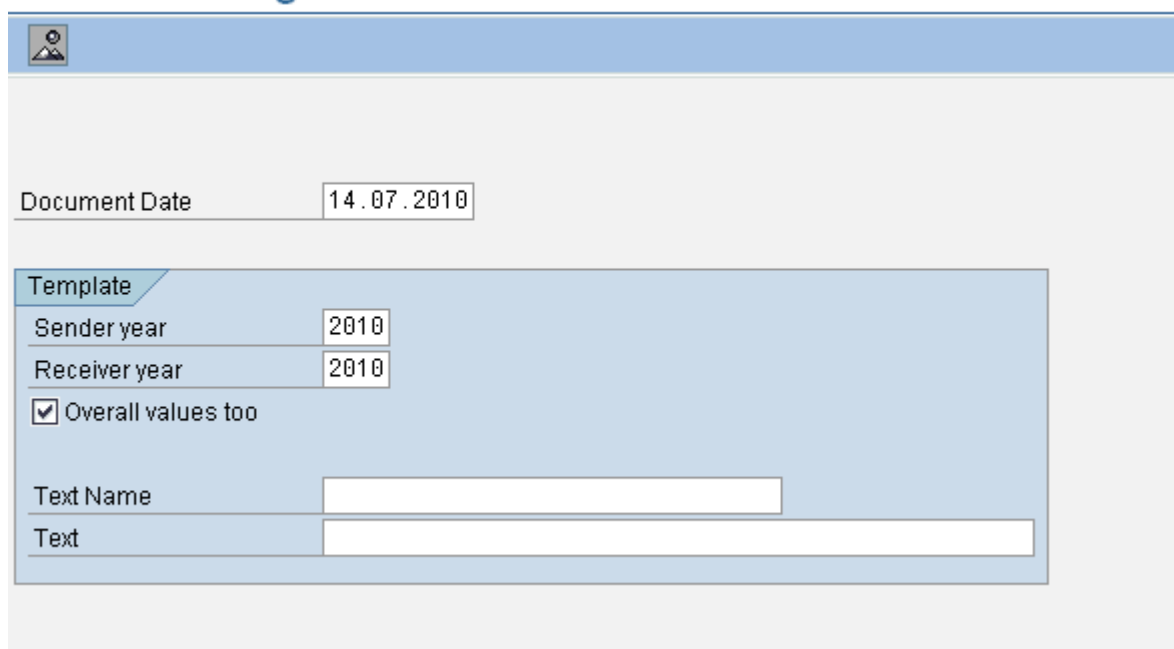
✅ Document 0100000251 posted

3. Budget Transfer from WBS element

It is possible that the budget becomes tight for one WBS while the budget for another WBS is still adequate within the project or budget becomes tight for one project while the budget for another project is still adequate
This process is used to transfer the budget from One WBS to another within same project or from One WBS to another of different project.

Transaction - CJ34.

Transfer Budget: Initial Screen

Document Date   14.07.2010

Template
Sender year   2010
Receiver year   2010
☑ Overall values too

Text Name
Text

Select the Overall Values too, Enter sender year & receiver year.

click the button [icon] or ENTER. This will take you to the next screen.
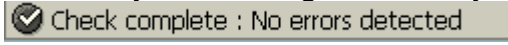
Entry data

Field Name	R/O/C	Description
Sender WBS element	R	WBS element from which the budget has to be transferred
Receiver WBS Element	R	WBS element to which the budget has to be transferred.
Amount	R	Transfer amount
Sender Year	R	Sender Year
Receiver Year	R	Receiver Year

Transfer Budget: List Screen

Document Date   14.07.2010

Budget Transfers

	LNo	Sender WBS element	Sen	Receiver WBS element	Rec	Amount	Curr.	Total	
	1	M-0021-C-COV-ELE-1	2010	M-0021-C-COV-PEN	2010	100.00	INR	☑	▲
	2		2010		2010			☑	▼
	3		2010		2010			☑	
	4		2010		2010			☑	
	5		2010		2010			☑	

Check the consistency of the budget values by clicking the button [icon]. No errors should be detected ✓ Check complete : No errors detected .

Save the values by clicking the button [icon] and the system posts the document

✓ Document 0100000252 posted .

Note:
   a. Budget transfer between same hierarchies is not possible.
   Budget updates between objects in the same hierarchy are carried out by means of a supplement or a return.

   b. Since Budget check is at Budget release, whatever budget update done against WBS accordingly the changed need to be done in Budget release function.

BUDGET REPORTS

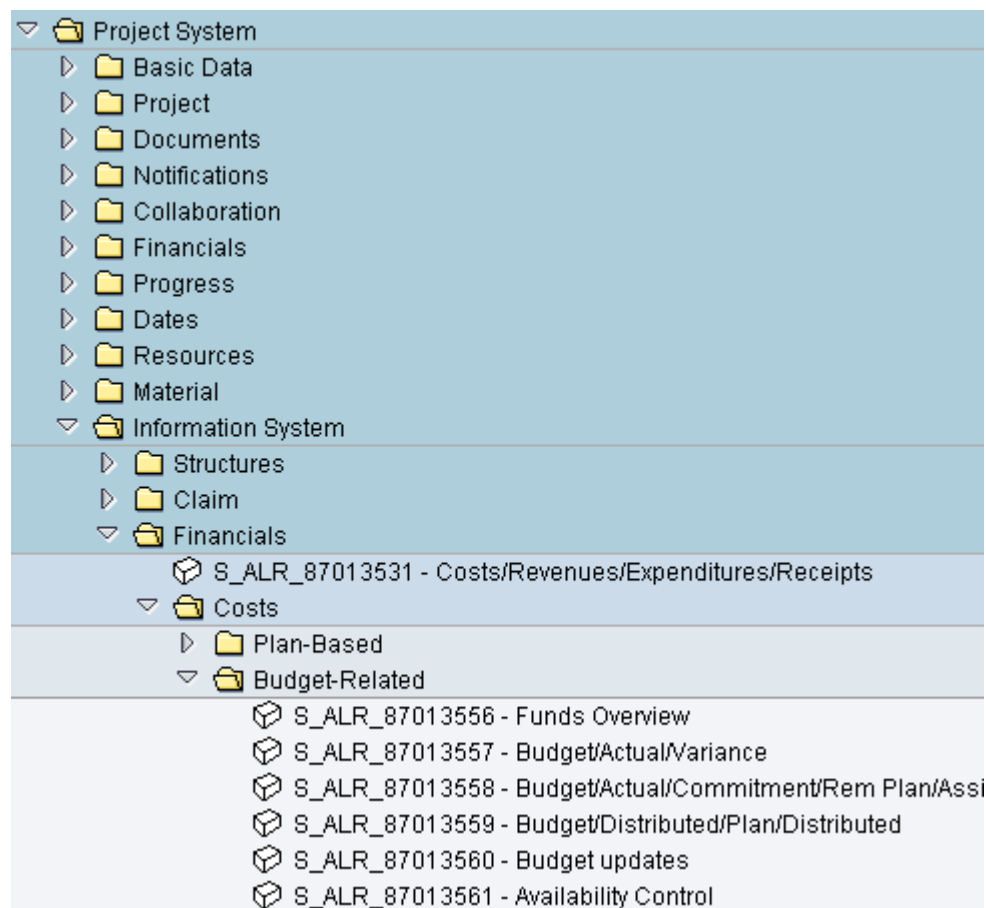Use this procedure to access various project Reports

Trigger

Reporting

Prerequisites

- Project Data to be entered

Menu Path

Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System →Information System -> Financials -> Budget Related -> S_ALR_87013558**

Budget Actual Commitment

Enter Database Profile as 000000000001
Plan Version 0

Selection: Budget/Actual/Commitmt/Rem.Plan/Assigned

Project Management Selections (DB profile: 000000000001)

Project	M-0021	to	

WBS Element		to	
Network/order		to	
Activity		to	
Materials in network		to	

Report selections

Plan version	0	Plan/Act - Version

Execute ⏱

Execute Drilldown Report Budget/Actual/Commitmt/Rem.Plan/Assigned

Header   Selection date

Plan version   0   Plan/Act - Version

Navigation	P	N		Object	Budget--Total	Actual--Total	Commitment--	RemOrdPlan--	Assigned--Total	Available--Total
Object				▽ PRJ M-0021 Matix Project - EPC	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-
Val.category				▽ WBS M-00 EPC Project	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-
Trans. Curren				▷ WBS M Construction Phase	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-
Business Tran				Result	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-
Period/year										

Lead column	Budget	Actual	Commitment	RemOrdPlan	Assigned	Available
Overall values	128,009,900	661,000	2,000	32,340,000	33,003,000	95,006,900
--------------------	--------------	--------------	--------------	--------------	--------------	--------------
Previous years	0	0	0	0	0	0
2010	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013 and Following	0	0	0	0	0	0
--------------------	--------------	--------------	--------------	--------------	--------------	--------------
Total of years	9,900	661,000	2,000	32,340,000	33,003,000	32,993,100-

Form: Costs: Budg/Act/Cmmt

BUDGET UPDATES

T code - S_ALR_87013560 - Budget updates

Execute

Report display totals records for supplements, returns and transfers for projects,

Commitment & Budget Carry forward

To carry forward the Budget for Annual budgeted Projects, project commitments carry forward activity is to be completed.

Project Commitment Carry Forward

Function used for projects having budget profile as annual

Purpose

Use this procedure to carry forward commitment values that are still open into the first period of the next fiscal year.

Prerequisites

- Project Data to be entered
- End of the fiscal year.

Menu Path
Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System → Financials -> Year-End Closing -> Carry Forward Commitment**

Hints

- Press F1 for Help
- Press F4 for getting input values
- R – Required
- O- Optional
- C- Conditional

Procedure

Organizational Flexibility
▽ 🗁 Project System
   ▷ 📁 Basic Data
   ▷ 📁 Project
   ▷ 📁 Documents
   ▷ 📁 Notifications
   ▷ 📁 Collaboration
   ▽ 🗁 Financials
      ▷ 📁 Planning
      ▷ 📁 Budgeting
      ▷ 📁 Actual Postings
      ▷ 📁 Period-End Closing
      ▽ 🗁 Year-End Closing
         ⬦ CJCF - Carry Forward Commitment
         ⬦ CJCO - Budget Carryforward

T- Code : CJCF

Fiscal year close: Carry forward commitment

Fiscal year close: Carry forward commitment

Project	PC1-012	to		➡
☑ Include orders				
Network		to		➡

Parameter

Carry forward from fiscal year	2008

Processing options

☑ Test run
☑ Detail list
☐ Reversal

Enter the project PC1-012 for which the commitment has to be carry forward.
Range of project can also be given in this options and execute.

Enter carry forward from fiscal year (i.e. from year 2008 carry forward commitment to fiscal year 2009)

Processing options :
Test Run & Detail list as shown above.
Press the button ⊕ Execute.

Fiscal year close: Carry forward commitment

```
Fiscal year close: Carry forward commitment
Carryforward from fiscal year:       2008
Controlling area:                    7000
Project:                             PC1-012
   Include orders:                   X


Test run:                            X
Detail list:                         X
Cancel:
Number of Line Items Processed
```

Acct assgmt object	Purch.Req.	Purchase order	Funds com.	Total
Cost centers	0	0	0	0
Orders	0	0	0	0
WBS elements	1	0	0	1
Networks	0	0	0	0
Sales orders	0	0	0	0
*	1	0	0	1

Document Category	Object identification	Document number	Item	
WBS element	PC1-012-1	PReq 0110002123	00010	C40

System will provide you the details.

Go back. Remove test run & execute

Fiscal year close: Carry forward commitment

Project	PC1-012 to
☑ Include orders	
Network	to

Parameter

Carry forward from fiscal year   2008

Processing options

☐ Test run
☑ Detail list
☐ Reversal

Fiscal year close: Carry forward commitment

```
Fiscal year close: Carry forward commitment
Carryforward from fiscal year:       2008
Controlling area:                    7000
Project:                             PC1-012
   Include orders:                   X


Test run:
Detail list:                         X
Cancel:
Number of Line Items Processed
```

Acct assgmt object	Purch.Req.	Purchase order	Funds com.	Total
Cost centers	0	0	0	0
Orders	0	0	0	0
WBS elements	1	0	0	1
Networks	0	0	0	0
Sales orders	0	0	0	0
*	1	0	0	1

Document Category	Object identification	Document number	Item	
WBS element	PC1-012-1	PReq 0110002123	00010	C40

Commitment will get carry forward to next fiscal year.

Project Budget Carry Forward

Function used for projects having budget profile as annual

Purpose

Use this procedure to carry forward budget remainders from projects to the next fiscal year.

Prerequisites

- Project commitments carry forward activity is completed.
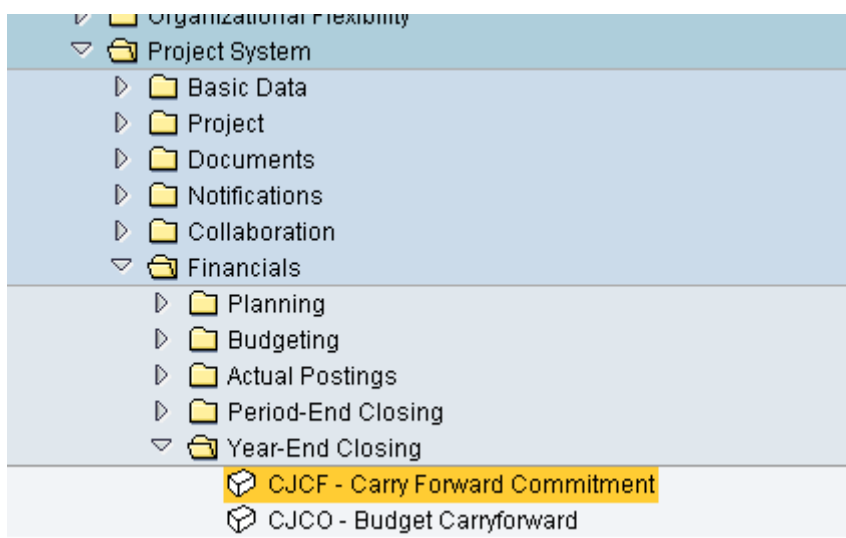- End of the fiscal year.

Menu Path

Use the menu path(s) to begin the transaction:

- **Select Logistics → Project System → Financials -> Year-End Closing -> Carry Forward Commitment**

Hints

- Press F1 for Help
- Press F4 for getting input values
- R – Required
- O- Optional
- C- Conditional

Procedure

T- Code : CJCO

Carrying Forward Project Budget

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Project Management Selections (DB profile: Predefined)

Project   PC1-012   to   ➡

Parameter

Sender fiscal year   2007

Document date   24.03.2009

Processing options

☑ Test run

☑ Detail list

**Enter the project PC1-012 for which the budget has to be carry forward.
Range of project can also be given in this options and execute.
Enter sender fiscal year (i.e. from year 2008 carry forward budget to fiscal year 2009)**

**Processing options :
Test Run & Detail list as shown above.
Press the button ⊕ Execute.**

Carrying Forward Project Budget

```
Test run
Sender fiscal year: 2008
Document date: 24.03.2009

Project: PC1-012
Short text: test_carry forward

Number of WBS elements selected: 2
Number of WBS elements with budget: 2
Number of WBS elements for which carryforward possible: 1
Number of error messages that occurred: 0

No carryforward (calculated carryforward =0 ):
```

WBS Element	Carryforward	Budget 2008	Distributed 2008	Actual 2008	Relevant Actual 2008	Prev.carryfwd 2009	Currency
PC1-012-1	2,000.00	2,000.00	0.00	0.00	0.00	0.00	INR
PC1-012	0.00	2,000.00	2,000.00	0.00	0.00	0.00	INR

```
Error log:
No errors occurred
```

Go back & remove test run and execute

Carrying Forward Project Budget

```
Test run
Sender fiscal year: 2008
Document date: 24.03.2009

Project: PC1-012
Short text: test_carry forward

Number of WBS elements selected: 2
Number of WBS elements with budget: 2
Number of WBS elements for which carryforward possible: 1
Number of error messages that occurred: 0

No carryforward (calculated carryforward =0 ):
```

WBS Element	Carryforward	Budget 2008	Distributed 2008	Actual 2008	Relevant Actual 2008	Prev.carryfwd 2009	Currency
PC1-012-1	2,000.00	2,000.00	0.00	0.00	0.00	0.00	INR
PC1-012	0.00	2,000.00	2,000.00	0.00	0.00	0.00	INR

```
Error log:
No errors occurred
```

Note: After budget carry forward activity, it is important to run t-code CJBN- Reconstruct availability control for project.